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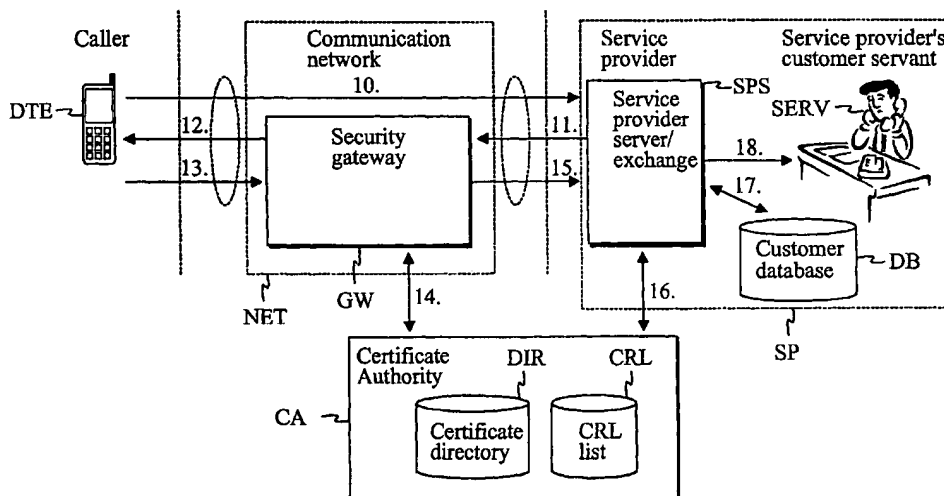
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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: METHOD AND SYSTEM FOR IDENTIFYING THE IDENTITY OF A USER



(57) Abstract: The present invention describes a method and system for verifying the identity of a user of a first terminal in a communication system comprising at least a communication network (NET), a first terminal (DTE) associated with the communication network (NET) and a service provider (SP) associated with the communication network (NET). In the method, a first logical channel is set up via the communication network between the first terminal (DTE) and the service provider (SP). The user of the first terminal is identified after the first logical channel set up via a second logical channel other than the established first logical channel between the service provider and the first terminal prior to providing any services to the caller.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/FI 2004/000043

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: H04L 9/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: H04Q, H04L, H04M, G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6237093 B1 (HARRI VATANEN), 22 May 2001 (22.05.2001), column 2, line 9 - column 3, line 55, abstract --	1-30
X	US 2002138450 A1 (GILLES KREMER), 26 Sept 2002 (26.09.2002), see paragra(s) [0033]-[0039], [0061]-[0066] --	1-30
A	US 6381696 A (MICHAEL D. DOYLE), 30 April 2002 (30.04.2002), abstract --	1-30
A	EP 1187419 A2 (PIONEER CORPORATION MEGURO-KU), 13 March 2002 (13.03.2002), abstract --	1-30

☐ Further documents are listed in the continuation of Box C.☒ See patent family annex.

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Information on patent family members

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US	6237093	B1	22/05/2001	AU	739814	B	18/10/2001
				AU	7771798	A	25/01/1999
				EP	1027806	A	16/08/2000
				FI	972819	A	31/12/1998
				JP	2002511994	T	16/04/2002
				NZ	502187	A	30/11/2001
				WO	9901990	A	14/01/1999

US	2002138450	A1	26/09/2002	AU	5488301	A	14/08/2001
				CA	2377626	A	09/08/2001
				EP	1192608	A	03/04/2002
				EP	1253564	A	30/10/2002
				FR	2804264	A	27/07/2001
				US	2002165830	A	07/11/2002
				WO	0156352	A	09/08/2001
				FR	2814879	A,B	05/04/2002
				FR	2814880	A,B	05/04/2002
				FR	2823930	A	25/10/2002

US	6381696	A	30/04/2002	NONE
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EP	1187419	A2	13/03/2002	JP	2002082910	A	22/03/2002
				US	2002049915	A	25/04/2002